

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: October 5, 2005

Inspector: Lee Curtis

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: The area received only traces of precipitation since the last inspection as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: No new access roads have been constructed. Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 10/5/05</p> <p>- Archers Lane: A blast along the access road had resulted in more material movement than anticipated and it had piled at the property line/stone wall. Boulders continue to be stockpiled up along this side within the project parcel and will be removed when the material is. 9/15-10/5/05</p> <p>- Blasting was currently ongoing to reduce the grade of the access road into the transition site. 10/5/05</p> <p>- Norwalk Junction: Access is gained through the driveway into the self storage business. 115kV work is ongoing at the site but transition station work will not begin until next week. 10/5/05</p>	<p>- Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-10/5/05</p> <p>- Contractors were aware of the problem and the fact the material had crushed the silt fence here. Permission is still being obtained to move materials from back over the property line. 9/15-10/5/05</p> <p>- Trenching was ongoing for the 115kv work at Rt. 7 into the site. None at this time. 10/5/05</p>

Areas of Inspection	Observation	Recommended Action
Foundation construction	<ul style="list-style-type: none"> - At Hoyts Hill, there continues to be observable progress on the retaining wall and infrastructure, including significant backfill to grade. 9/29-10/5/05 -The drainage pipe along the base of the retaining wall has been installed with an outlet to the riprap dissipater pad. The trench has been backfilled with stone. 10/5/05 - No foundation work has begun at Archers Lane although blasting continues in the station site and the access road to bring the site to grade. Large boulders created by the blasting are being stockpiled and should start to be removed next week. 9/15-10/5/05 - No transition station site work has started at Norwalk Junction although a caisson for a riser termination structure was installed here for the 115kV work. 10/5/05 	<ul style="list-style-type: none"> -None at this time. - The design change appears to work well and will avoid some potential impacts. Continue to monitor for any potential erosion at the outlet. 10/5/05 - None at this time. 9/15-10/5/05 - None at this time. Site preparation and asphalt removal should begin here next week. 10/5/05

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>-Hoyts Hill: The perimeter silt fence remains in good condition but the internal fence was removed as the adjacent trench was backfilled. The spot at the end of the fence near the northern perimeter could use some maintenance as it is continuing to degrade. 10/5/05</p> <p>- Archers Lane: A portion of silt fence along the access road has been pushed down due to the wayward material. Once permission is obtained, materials will be pulled back and the fence restored. 9/15-10/5/05</p> <p>- Norwalk Junction: Silt fence is up for the stockpile resulting from the 115kV structure foundation. 10/5/05</p>	<p>-Continue to monitor the controls and be proactive in repair as necessary, especially now that the internal line has been removed. Repair the northern section when feasible. 10/5/05</p> <p>- Make necessary repairs as planned. Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 10/5/05</p> <p>- None at this time. Install perimeter fence before major site work takes place.10/5/05</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: As part of the transition station, a small area of wetland was cleared and altered. The outer silt fence is still up as a work limit and to protect the remainder of the wetland. 7/22-10/5/05</p> <p>- The drain outlet is now in place with a dissipater pad. 10/5/05</p> <p>-Archers Lane: The low spot/ wetland crossing on the access road is now under the jurisdiction of the overhead work. 9/21-10/5/05</p> <p>- Norwalk Junction: Wetlands associated with the Norwalk River are located immediately adjacent to the site. 10/5/05</p>	<p>-Continue to monitor. In general, keep all equipment and materials out of wetlands not to be disturbed and keep controls in good repair. 10/5/05</p> <p>- Continue to maintain silt fence adjacent to the wetland here. 10/5/05</p> <p>- Install and maintain perimeter controls here when work actually begins. 115kV related controls are in good shape. 10/5/05</p>
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A

Areas of Inspection	Observation	Recommended Action
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: Construction of retaining walls and backfill are currently ongoing in the previously cleared station area. 9/7-10/5/05</p> <p>- Archers Lane: Blasting continues in the previously cleared areas and most material remains contained with the exception of the material over the stone wall. 9/15-10/5/05.</p> <p>- Norwalk Junction: Additional clearing will be necessary beyond the footprint of the parking area. 10/5/05</p>	<p>-None at this time. In general limit clearing to those areas necessary. 10/5/05</p> <p>-None at this time. In general, keep clearing within the limits of the work. 10/5/05</p> <p>- None at this time. No clearing is necessary yet but will likely begin next week. Attempt to preserve trees where possible if trimming is sufficient. 10/5/05</p>
Dewatering	<p>- At Hoyts Hill, the dewatering corral is completed with a filter bag surrounded by haybales within the silt fence. 8/19-10/5/05 It was not receiving water at the time of the inspection and the stormwater drain was in place. 10/5/05</p> <p>- No dewatering has been necessary yet at Archers Lane. 10/5/05</p> <p>- Dewatering had occurred at Norwalk Junction for 115kv work installing the caisson.</p>	<p>-Keep watch on the filter bag when in active use. 10/5/05</p> <p>- None at this time. 10/5/05</p> <p>- None at this time. 10/5/05</p>
Blasting	<p>- Blasting continues at Archers Lane within the station site and access road. As previously stated, a blast did cause some wayward material to end up on /over the property line. 9/15-9/29/05</p> <p>- Another round of blasting occurred immediately after the inspection on the access into the station. 10/5/05</p>	<p>- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately when permission is granted. 9/15-10/5/05</p>

Areas of Inspection	Observation	Recommended Action
Spills and Material Storage	- No further drips or leaks were noted at the time of the inspection. 10/5/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.
Additional Observations	- Norwalk Junction work is scheduled to officially start next week.	

Next likely scheduled inspection:

Thursday October 13, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Lee Curtis



Hoyts Hill Transition Station: View of the outlet of the drain installed at the base of the station retaining wall. A riprap dissipater pad is in place to slow stormwater velocity. (10/5/05)



Photo on the left shows an overall view of the station yard and walls. Photo on the right shows where the second line of silt fence was removed as the trench was filled in. (10/5/05)



Archers Lane Transition Station: View of the access road into the site where preparation for more blasting was occurring. (10/5/05)



View of the access road leading down to the base of the transition station site and ROW. (10/5/05)



Norwalk Junction Transition Station: View of the lot to be used for the transition station. Asphalt removal will likely begin next week. (10/5/05)



Current work on site is for the 115kV portion of the project. A riser termination structure foundation was installed and the excavate has been stockpiled. Trenching is ongoing to access this structure. (10/5/05)